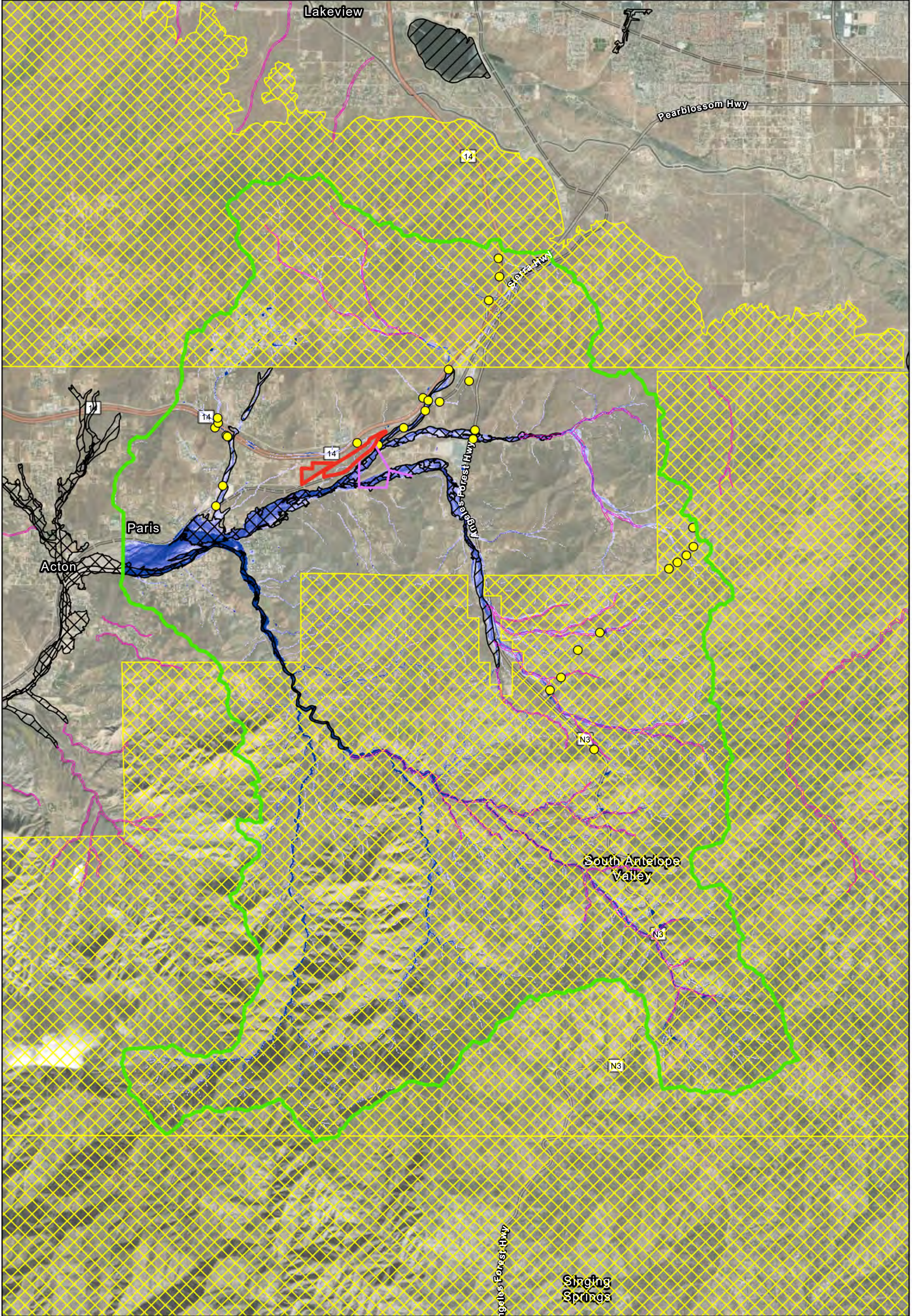


DOCKETED	
Docket Number:	25-OPT-02
Project Title:	Prairie Song Reliability Project
TN #:	264385
Document Title:	App 3-15A Water Quality Management Plan Part 4
Description:	N/A
Filer:	Erin Phillips
Organization:	Dudek
Submitter Role:	Applicant Consultant
Submission Date:	6/20/2025 1:49:08 PM
Docketed Date:	6/20/2025

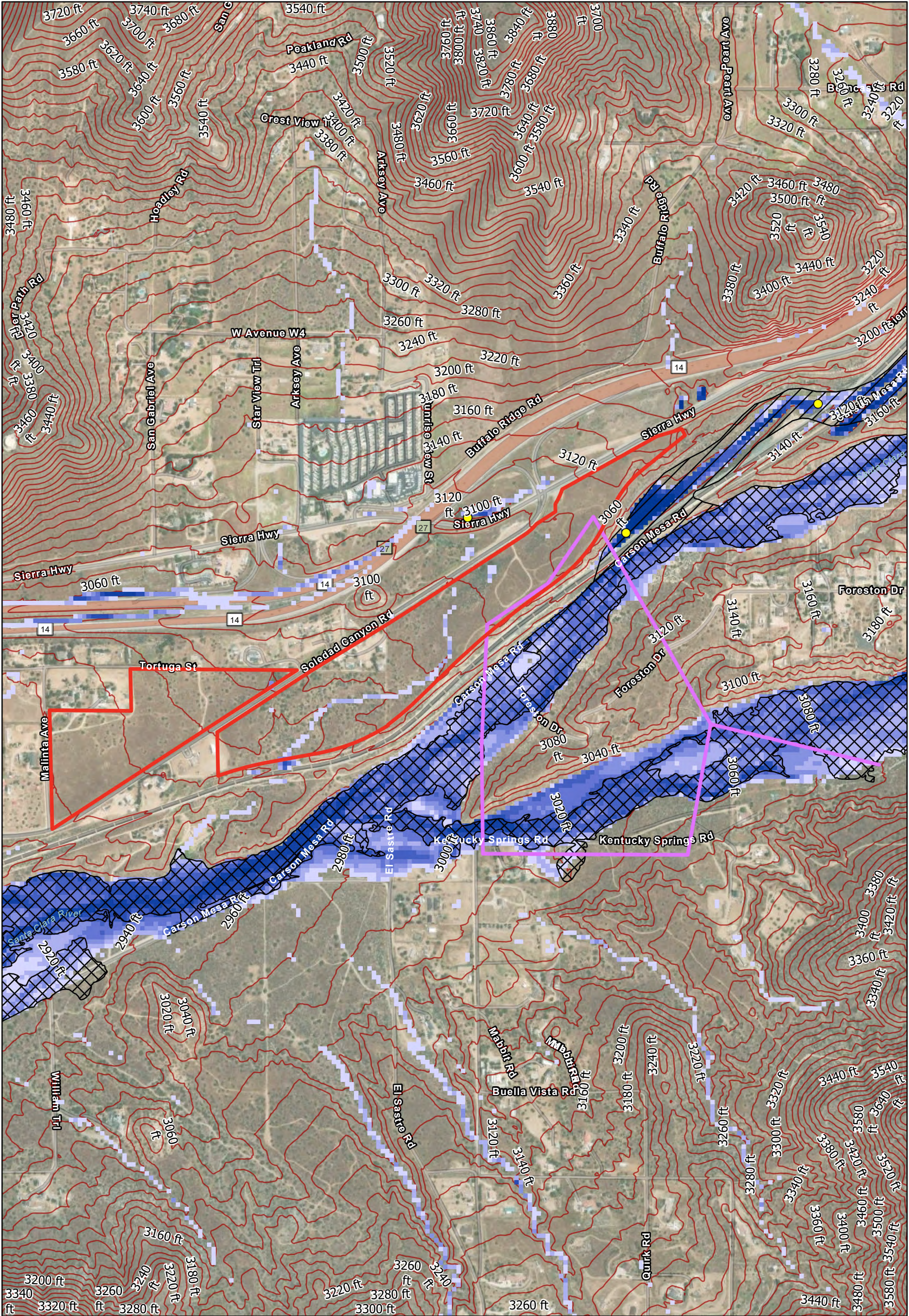
Appendix 3.15A

Water Quality Management Plan

4 of 6



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Data Source(s): Westwood (2025); Esri WMS Basemap Imagery (Accessed: 2025); USGS (2025); FEMA (2025); USDA (2025)

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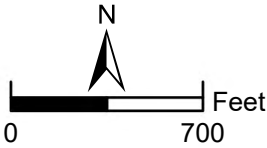
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Legend

- FLO-2D Model Boundary
- Project Boundary
- Proposed Gen-Tie Routes
- County Boundary
- CA DWR 100yr Flood Awareness Zone
- FEMA Flood Zone
- A

- AE
- D
- Modeled Culverts
- 20-ft Contours
- Max Water Depth (ft)
- 0.50 - 1.00
- 1.01 - 1.50

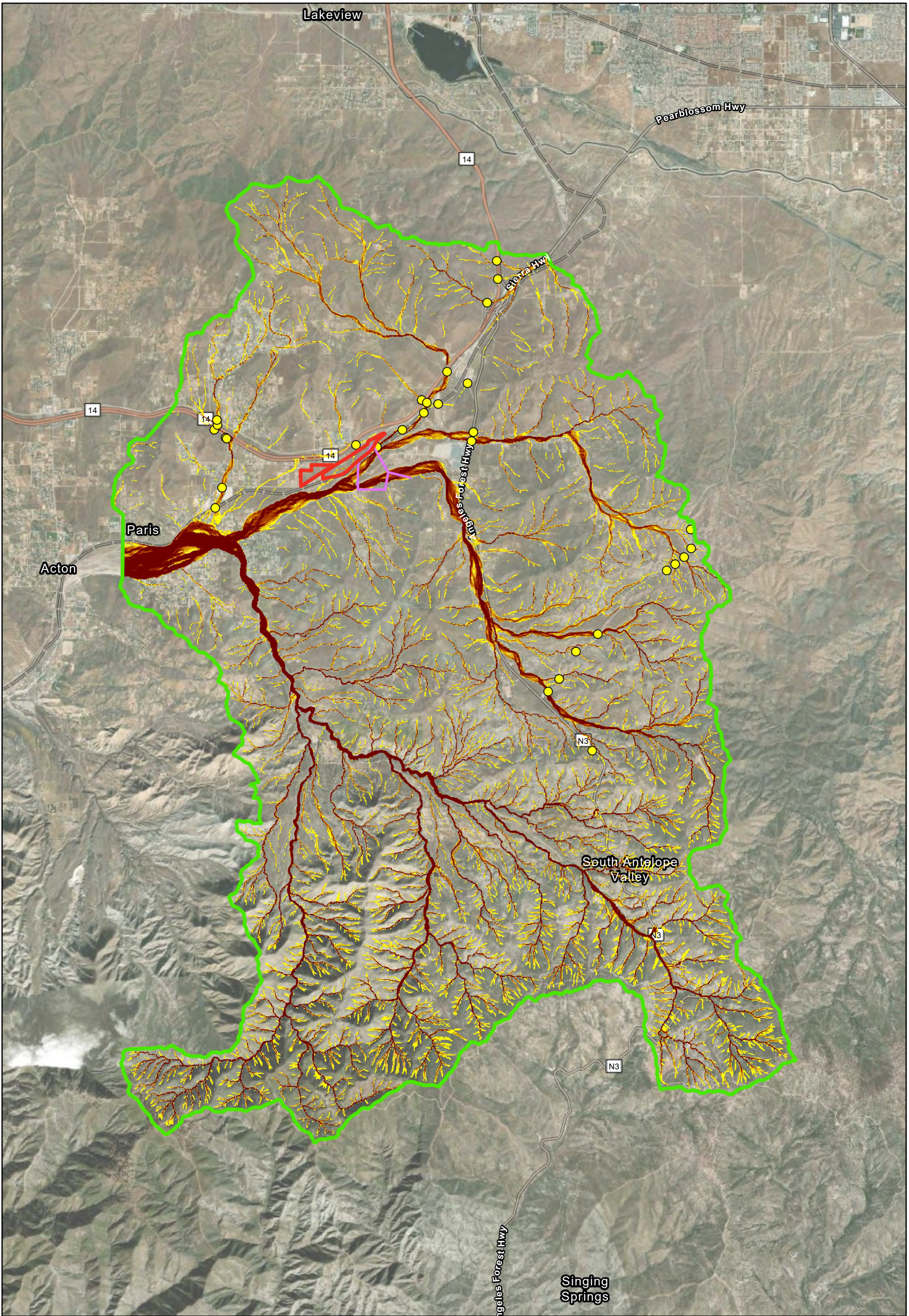
- 1.51 - 2.00
- 2.01 - 2.50
- 2.51 - 3.00
- 3.01 - 4.00
- 4.01 - 6.00
- 6.01 +



Prairie Song Reliability Project

Los Angeles County, California

Exhibit 7A: Existing 100-Year Max
Water Depth Project Area Map
March 7, 2025



Data Source(s): Westwood (2025); Esri WMS
Basemap Imagery (Accessed: 2025); USGS
(2025); FEMA (2025); USDA (2025)

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Legend

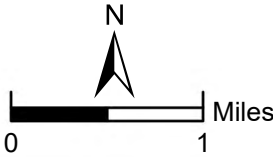
- | | | |
|-------------------------|----------------------------|-------------|
| FLO-2D Model Boundary | Modeled Culverts | 2.01 - 2.50 |
| Project Boundary | Peak Velocity (fps) | 2.51 - 3.00 |
| Proposed Gen-Tie Routes | 1.00 - 1.50 | 3.01 - 4.00 |
| County Boundary | 1.51 - 2.00 | 4.01 + |

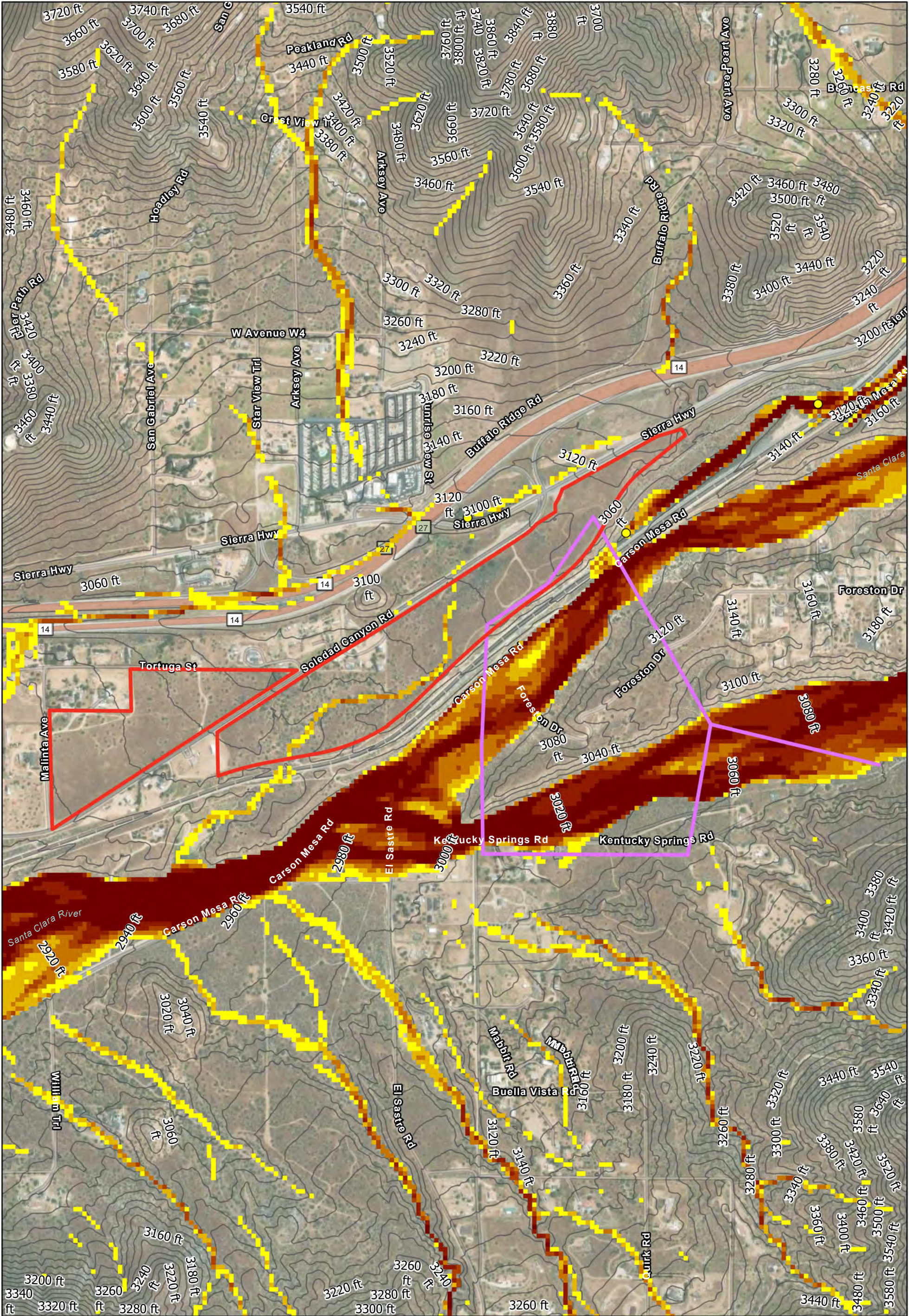
Prairie Song Reliability Project

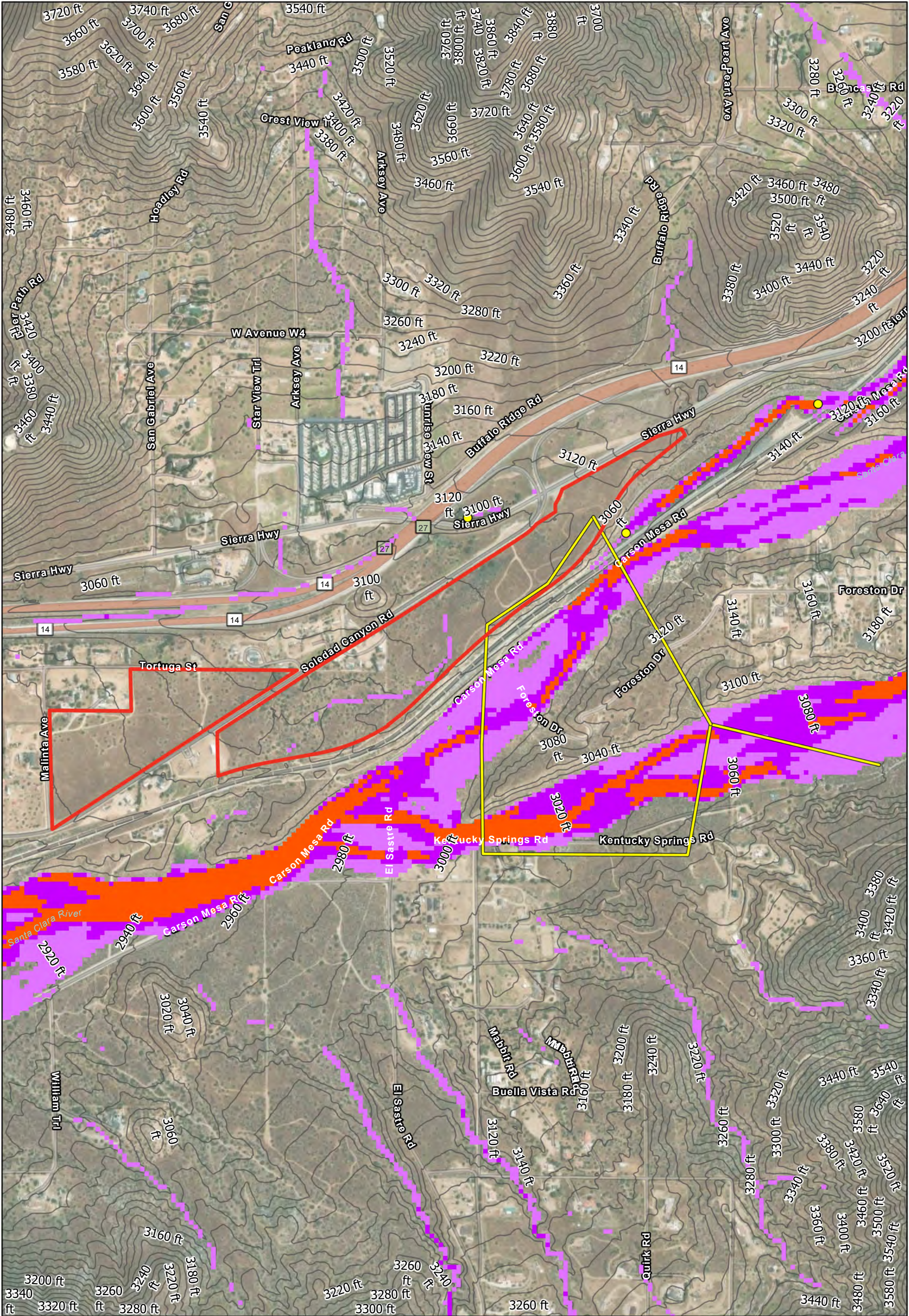
Los Angeles County, California

**Exhibit 8: Existing 100-Year
Peak Velocity Map**

March 7, 2025







Data Source(s): Westwood (2025); Esri WMS Basemap Imagery (Accessed: 2025); USGS (2025); FEMA (2025); USDA (2025)

Westwood

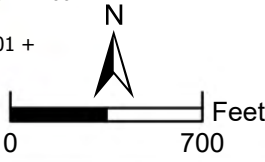
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Legend

- FLO-2D Model Boundary
- Project Boundary
- Proposed Gen-Tie Routes
- County Boundary

- 20-ft Contours
- Modeled Culverts
- Scour (ft)**
- 1.00 - 1.50

- 1.51 - 2.00
- 2.01 +

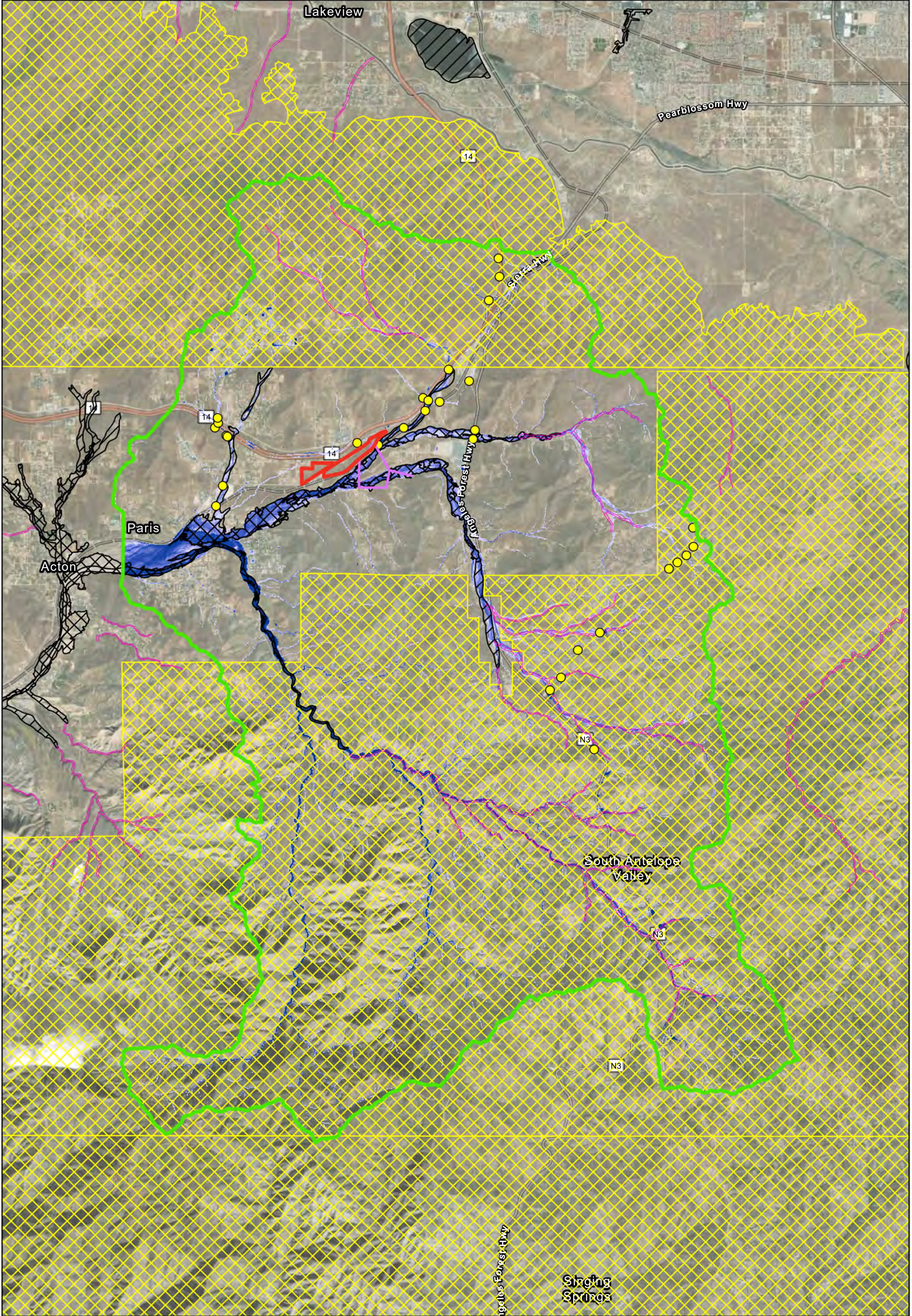


Prairie Song Reliability Project

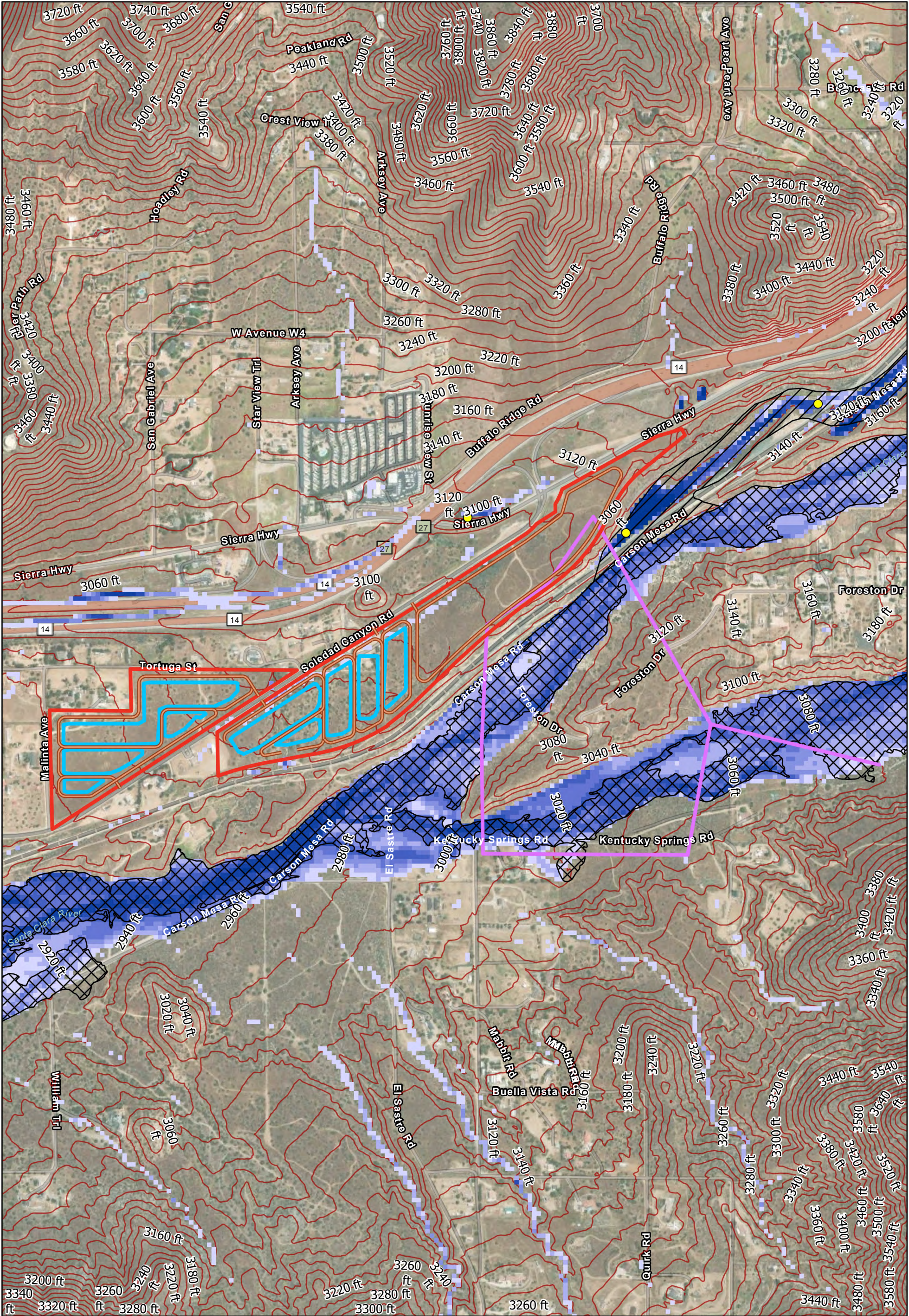
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Exhibit 9: Existing 100-Year Peak Scour Project Area Map

March 7, 2025



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Data Source(s): Westwood (2025); Esri WMS Basemap Imagery (Accessed: 2025); USGS (2025); FEMA (2025); USDA (2025)

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Legend

- FLO-2D Model Boundary
- Project Boundary
- Proposed Gen-Tie Routes
- County Boundary
- CA DWR 100yr Flood Awareness Zone
- FEMA Flood Zone
- A
- AE
- D
- Proposed Battery Layout Outline
- Proposed Access Roads
- 20-ft Contours
- Modeled Culverts
- Max Water Depth (ft)
- 0.50 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- 2.01 - 2.50
- 2.51 - 3.00
- 3.01 - 4.00
- 4.01 - 6.00
- 6.01 +

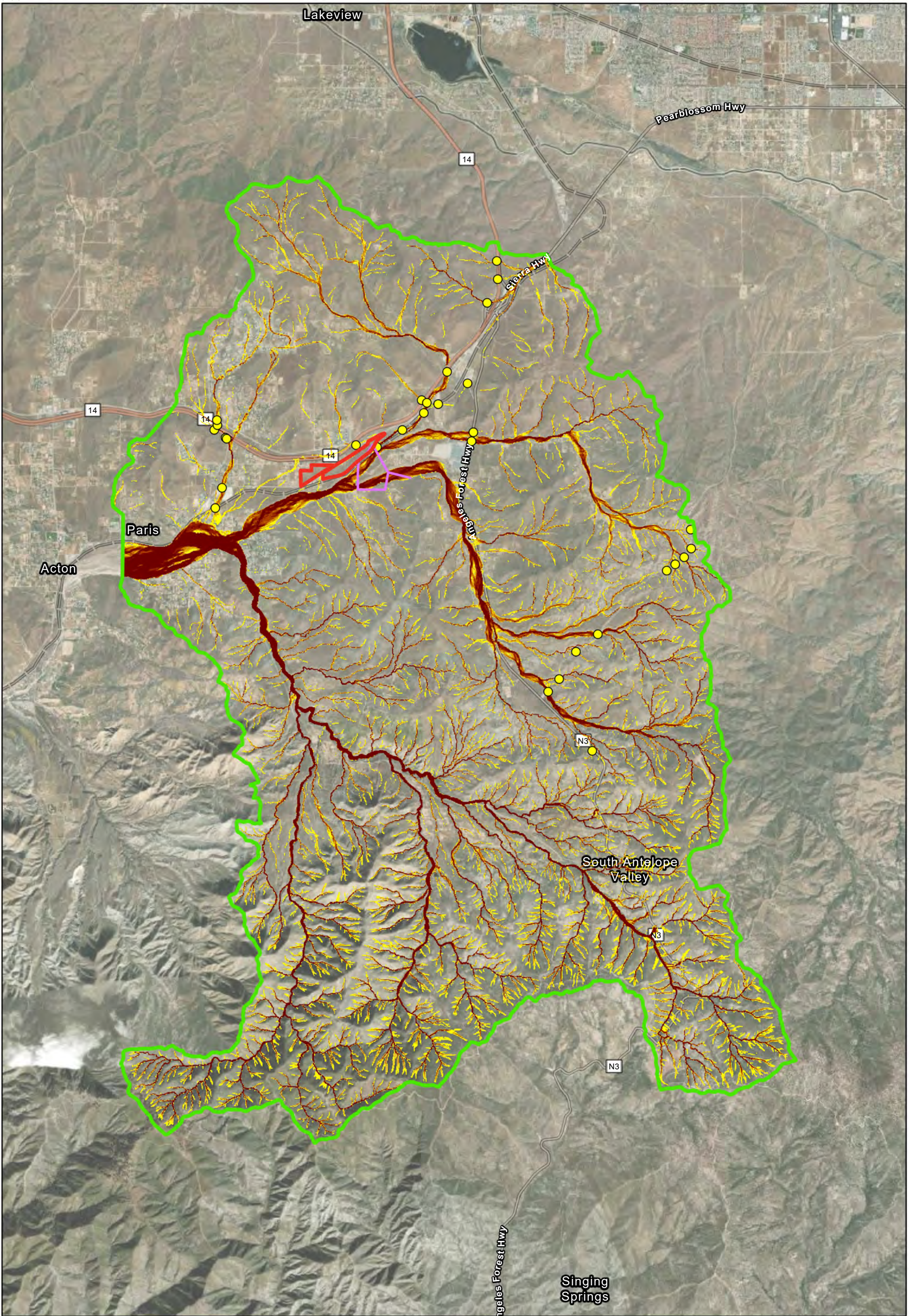
Prairie Song Reliability Project

Los Angeles County, California

Exhibit 10A: Proposed 100-Year Max Water Depth Project Area Map

March 7, 2025

0 700 Feet



Data Source(s): Westwood (2025); Esri WMS Basemap Imagery (Accessed: 2025); USGS (2025); FEMA (2025); USDA (2025)

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Legend

- FLO-2D Model Boundary
- Project Boundary
- Proposed Gen-Tie Routes
- County Boundary

- Modeled Culverts
- Peak Velocity (fps)**
 - 1.00 - 1.50
 - 1.51 - 2.00

- 2.01 - 2.50
- 2.51 - 3.00
- 3.01 - 4.00
- 4.01 +

Prairie Song Reliability Project

Los Angeles County, California

Exhibit 11: Proposed 100-Year
Peak Velocity Map

March 7, 2025